

ABSTRACT

An anode electrode 20 in an anode panel constituting a cold cathode field emission display is
5 constituted of anode electrode units 21 in the number of N ($N \geq 2$), each anode electrode unit is connected to an anode-electrode control circuit 43 through one electric supply line 22, and $V_A/L_g < 1$ (kV/ μm) is satisfied in
10 which V_A (unit:kilovolt) is a voltage difference between an output voltage of the anode-electrode control circuit and a voltage applied to a cold cathode field emission device, and L_g (unit: μm) is a gap length between the anode electrode units.